



**THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Hull et al.

Serial No.: 10/804,278

For: Slope predictive control and digital PID control for a variable temperature control system

Filed: March 19, 2004

Examiner: Jiang, Chen Wen

Art Unit: 3744

Confirmation No.: 7443

USPTO Customer Number: 27623

Attorney Docket No.: 0002799USQ

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO ELECTION/RESTRICTION**

Dear Sir:

In response to the Office Action of May 31, 2006, the time to respond for which has been extended by one month to and including July 31, 2006, please amend the above-identified application as follows:

**Amendments to the Claims** are reflected in the listing of claims, which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 7 of this paper.